

CLAIMS

Having thus described our invention, what we claim as new and desire to secure by Letters Patent is as follows:

- 1 1. A system for developing and maintaining a computer application in an
2 enterprise environment, comprising:
3 an incomplete application, constructed in an application language;
4 business process requirements applicable to said application in a
5 specified enterprise environment;
6 a plurality of reusable service components constructed in said language
7 for adaptation to an enterprise area, said enterprise area including said specified
8 enterprise environment;
9 optionally, a vertical application pre-configuration constructed for
10 adaptation to said enterprise area from said reusable service components; and
11 a framework for completing said incomplete application using said
12 reusable service components, said optional vertical pre-configuration, and said
13 language, responsive to said business process requirements,
14 wherein said computer application is maintained responsive to changes
15 in said business process requirements by using said framework to complete said
16 incomplete application using said reusable service components, said optional
17 vertical pre-configuration, and said language responsive to said business
18 process requirements revised to incorporate said changes.
- 1 2. A system as in claim 1, wherein said application language is Java.

1 3. A system as in claim 2, wherein at least one of said reusable service
2 components is a session bean.

1 4. A system as in claim 3, wherein said framework is used to integrate and
2 maintain a legacy application in said specified enterprise environment.

1 5. A system as in claim 1, wherein said reusable service components are
2 shrink-wrapped in said vertical pre-configuration.

1 6. A method for developing and maintaining a computer application in an
2 enterprise environment having a server bullet framework, comprising the steps
3 of:
4 determining in a specified enterprise environment business process
5 requirements applicable to an incomplete application, said incomplete
6 application having been constructed in an application language;
7 completing said incomplete application responsive to said business
8 process requirements by using a framework comprised of a plurality of reusable
9 service components for adaptation to an enterprise area, an optional vertical
10 application pre-configuration constructed for adaptation to said enterprise area,
11 and a toolkit for using said language to build reusable service components from
12 scratch, said enterprise area including said specified enterprise environment;
13 and
14 optionally maintaining said completed application responsive to changes
15 in said business process requirements by repeating said completing step upon
16 said incomplete application responsive to said business process requirements
17 revised to incorporate said changes.

- 1 7. A method as in claim 6, wherein said application language is Java.
- 1 8. A method as in claim 7, wherein at least one of said reusable service
2 components is a session bean.
- 1 9. A method as in claim 8, wherein said framework is used to integrate and
2 maintain a legacy application in said specified enterprise environment.
- 1 10. A method as in claim 6, wherein said reusable service components are
2 shrink-wrapped in said vertical pre-configuration.